

California Division of Mines and Geology
Supplement^{#1} to Fault Evaluation Report FER-87

April 20, 1979

1. Name of fault

San Geronimo⁰ Pass fault

This supplement deals with the Garnet Hill fault, one of the faults within the Whitewater quadrangle along which a special studies zone was established in 1974.

There is no surface expression of the Garnet Hill fault to the southeast of point A (shown on figure 4 of FER-87) at the mouth of Whitewater Canyon. An older alluvial terrace surface is offset by the fault immediately to the northwest of point A (see annotation on figure 3 of FER-87). Rapid alluviation near the mouth of Whitewater Canyon would have destroyed Holocene fault features if any existed, but farther to the southeast, within the Desert Hot Springs quadrangle, Holocene fault features should have survived if any were generated. None are in evidence.

I recommend that the long-dash fault symbol, used to depict the Garnet Hill fault, be changed to a dotted symbol for a buried fault to the southeast of point A. I recommend that the special studies zone be terminated, on the southeast, at the section line between sections 11 and 12, T. 3 S., R. 3 E.



DREW P. SMITH
April 20, 1979

*I agree with
the recommendations.
EWB
4/23/79*